

# LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

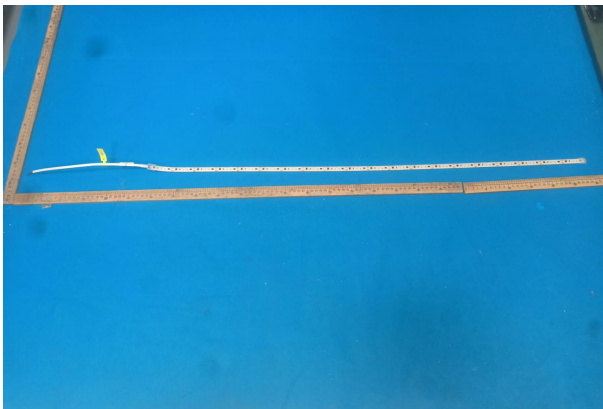
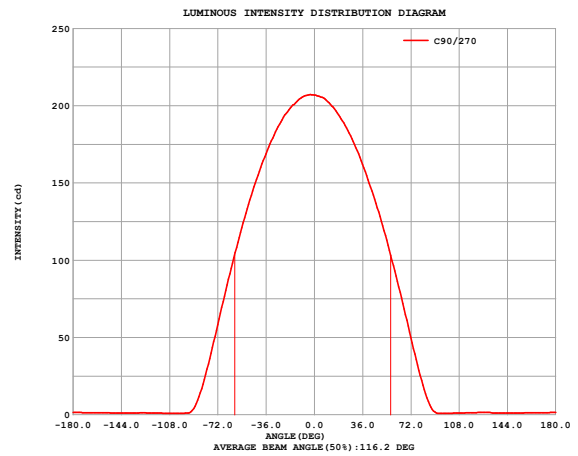
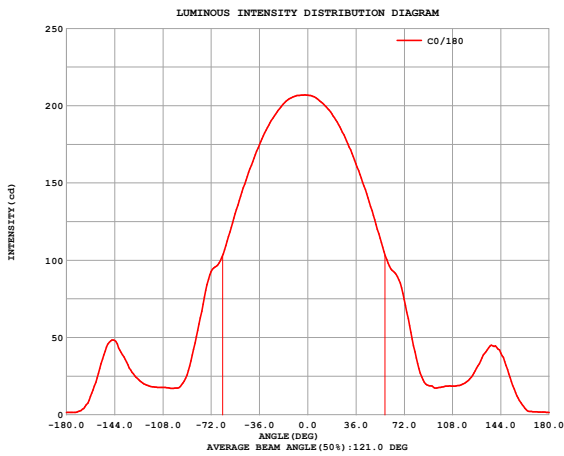
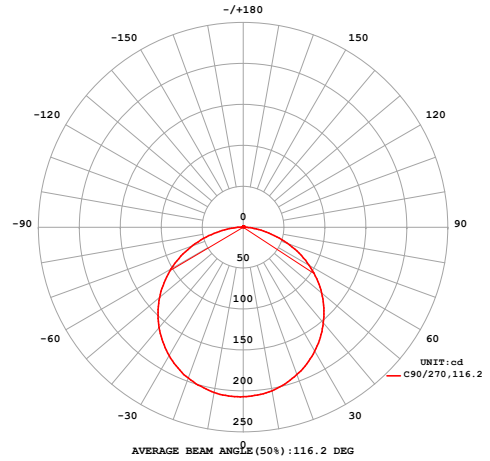
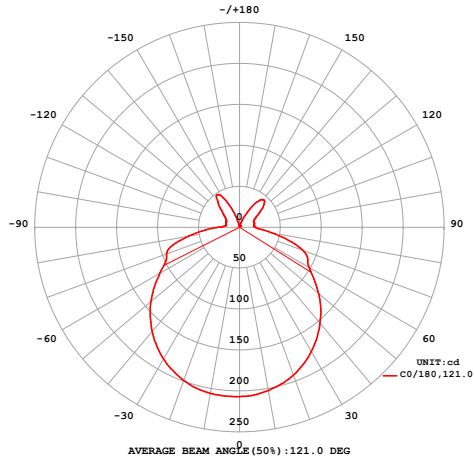


Fig. C0/C180

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2026-08-31  
Stability time: 290 s

Fig. C90/C270

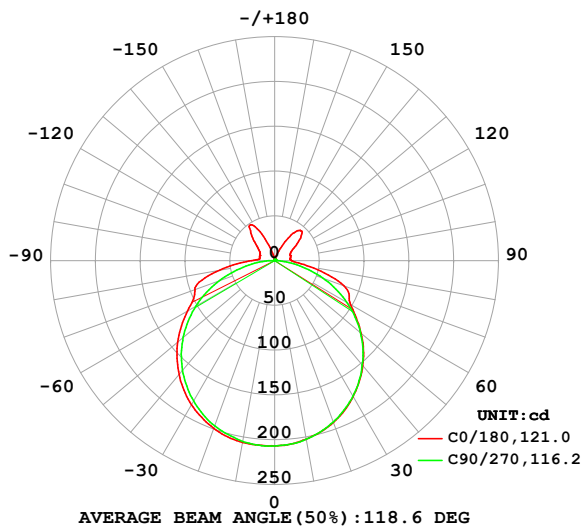
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity: 65.0%  
Test Distance: 8.200m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

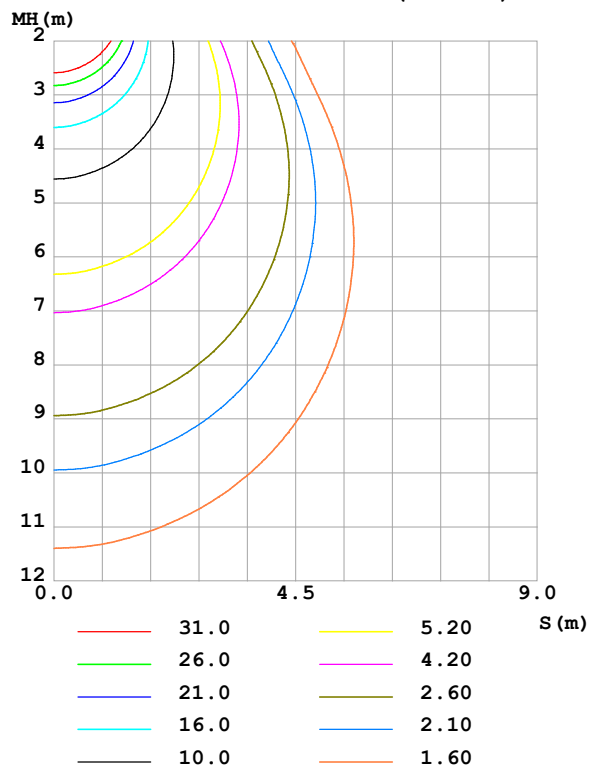
|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |

| DATA OF LAMP     |                       | PHOTOMETRIC DATA Eff: 88.97 lm/W |         |                   |          |
|------------------|-----------------------|----------------------------------|---------|-------------------|----------|
| MODEL            | R50-2835HY-120L-3000K | I <sub>max</sub> (cd)            | 207.6   | S/MH(C0/180)      | 1.33     |
| NOMINAL POWER(W) | 8.47                  | LOR(%)                           | 100.0   | S/MH(C90/270)     | 1.30     |
| RATED VOLTAGE(V) | 100                   | TOTAL FLUX(lm)                   | 756.15  | η UP,DN(C0-180)   | 5.7,43.2 |
| NOMINAL FLUX(lm) | 756.154               | CIE CLASS                        | SEMI-D. | η UP,DN(C180-360) | 5.7,45.4 |
| LAMPS INSIDE     | 1                     | η up (%)                         | 11.4    | CIBSE SHR NOM     | 1.50     |
| TEST VOLTAGE(V)  | 100                   | η down (%)                       | 88.6    | CIBSE SHR MAX     | 1.50     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2026-08-31  
Stability time: 290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity: 65.0%  
Test Distance: 8.200m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45   | C90    | C135  | C180  | C225  | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|--------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10       | 202.6                 | 201.6 | 202.7  | 204.7 | 206.0 | 206.2 | 204.9  | 203.2 | 0- 10    | 19.61       | 19.61        | 2.59,2.59  |
| 20       | 192.3                 | 191.0 | 191.6  | 197.1 | 199.2 | 199.8 | 196.1  | 193.2 | 10- 20   | 56.58       | 76.19        | 10.1,10.1  |
| 30       | 175.4                 | 174.4 | 174.9  | 182.5 | 185.9 | 186.9 | 181.0  | 176.8 | 20- 30   | 86.80       | 163.0        | 21.6,21.6  |
| 40       | 153.1                 | 151.8 | 152.2  | 162.6 | 166.1 | 167.9 | 160.0  | 155.0 | 30- 40   | 106.4       | 269.4        | 35.6,35.6  |
| 50       | 126.2                 | 125.0 | 125.2  | 137.3 | 141.3 | 143.1 | 133.3  | 128.6 | 40- 50   | 113.0       | 382.4        | 50.6,50.6  |
| 60       | 98.02                 | 94.50 | 93.08  | 107.9 | 112.4 | 113.6 | 101.5  | 98.50 | 50- 60   | 105.6       | 488.0        | 64.5,64.5  |
| 70       | 82.22                 | 68.56 | 57.38  | 79.94 | 94.93 | 82.86 | 65.68  | 71.27 | 60- 70   | 87.87       | 575.9        | 76.2,76.2  |
| 80       | 40.60                 | 36.68 | 22.33  | 51.51 | 62.71 | 56.30 | 29.47  | 41.06 | 70- 80   | 63.85       | 639.7        | 84.6,84.6  |
| 90       | 19.00                 | 16.02 | 1.667  | 22.72 | 25.81 | 23.20 | 4.124  | 17.20 | 80- 90   | 30.37       | 670.1        | 88.6,88.6  |
| 100      | 17.97                 | 14.87 | 0.9441 | 14.66 | 17.19 | 14.52 | 0.9675 | 15.04 | 90-100   | 14.85       | 684.9        | 90.6,90.6  |
| 110      | 18.62                 | 12.25 | 1.181  | 12.40 | 17.74 | 12.31 | 0.9816 | 13.60 | 100-110  | 12.73       | 697.7        | 92.3,92.3  |
| 120      | 22.37                 | 12.79 | 1.428  | 13.35 | 19.24 | 12.44 | 1.126  | 13.04 | 110-120  | 11.45       | 709.1        | 93.8,93.8  |
| 130      | 36.78                 | 20.03 | 1.544  | 18.68 | 26.56 | 17.58 | 1.335  | 21.83 | 120-130  | 12.99       | 722.1        | 95.5,95.5  |
| 140      | 44.65                 | 18.42 | 1.154  | 27.76 | 41.75 | 27.43 | 1.151  | 20.89 | 130-140  | 15.74       | 737.8        | 97.6,97.6  |
| 150      | 26.32                 | 6.070 | 1.196  | 18.93 | 43.77 | 18.95 | 1.228  | 7.661 | 140-150  | 12.50       | 750.3        | 99.2,99.2  |
| 160      | 6.599                 | 1.891 | 1.279  | 6.165 | 16.06 | 5.637 | 1.321  | 1.801 | 150-160  | 4.754       | 755.1        | 99.9,99.9  |
| 170      | 2.042                 | 1.970 | 1.400  | 1.864 | 2.402 | 1.921 | 1.419  | 2.053 | 160-170  | 0.9034      | 756.0        | 100,100    |
| 180      | 1.542                 | 1.491 | 1.493  | 1.504 | 1.532 | 1.486 | 1.498  | 1.499 | 170-180  | 0.1603      | 756.2        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |        |       |       |       |        |       |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 325.94 lm

%lum = 43.1%

%lamp = 43.1%

Conical surface Flux(120deg): 488 lm

%lum = 64.5%

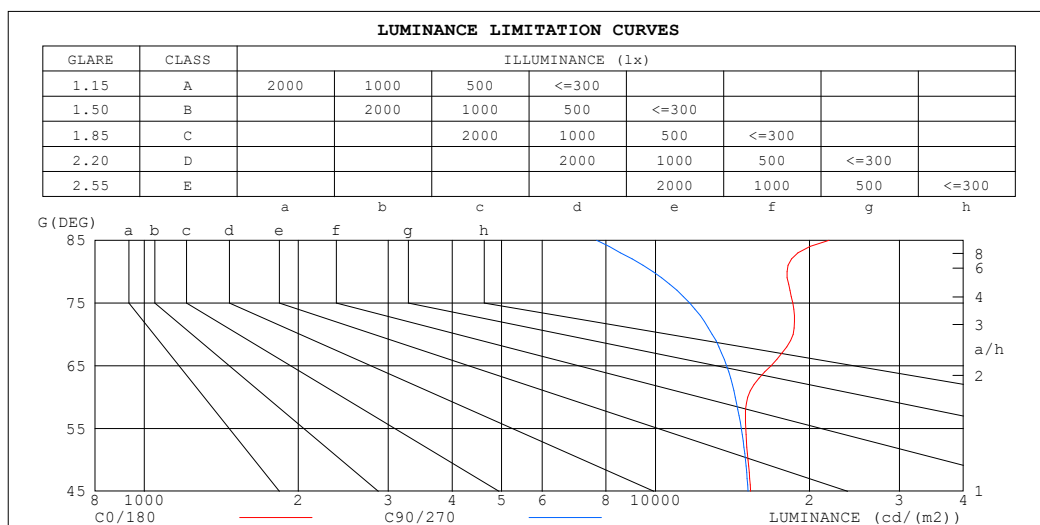
%lamp = 64.5%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 21855  | 7670    |
| 80                | 18074  | 9891    |
| 75                | 18560  | 11665   |
| 70                | 18584  | 12906   |
| 65                | 16817  | 13767   |
| 60                | 15154  | 14321   |
| 55                | 15011  | 14714   |
| 50                | 15177  | 14988   |
| 45                | 15349  | 15167   |

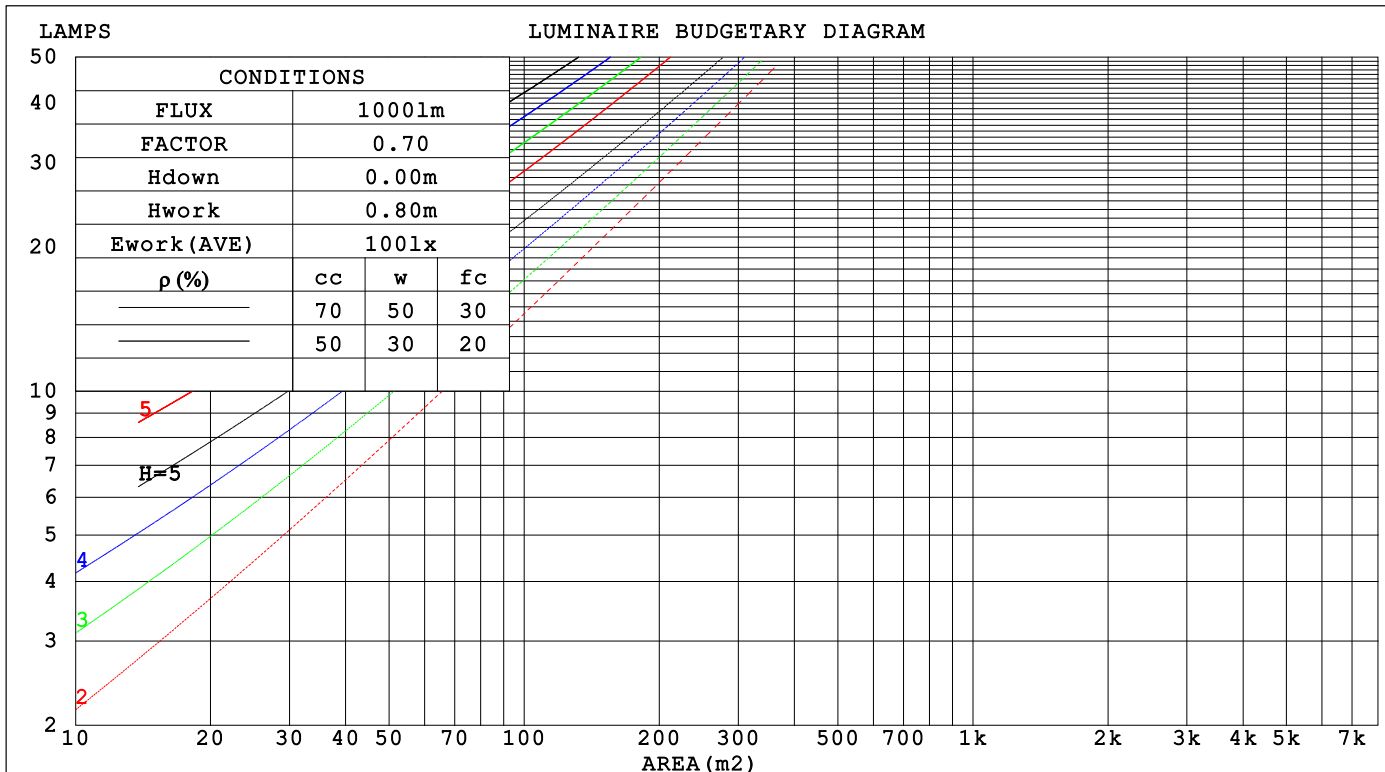
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                           |                   |                  |
|-----------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz |                   |                  |
| UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm            |                   |                  |
| NAME:                                                     | TYPE:             | WEIGHT:          |
| SPEC.:                                                    | DIM.:             | SERIAL No.:      |
| MFR.:                                                     | SUR.: 1000mm*13mm | Shielding Angle: |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30% |     |     | 10% |     |     | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------|-----------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50% | 30% | 10% | 50% | 30% | 10% | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20% |     |     | 20% |     |     | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      |      |      |      |     |     |     |     |     |     | Coefficients of Utilization(CU) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.0  | 1.16                  | 1.16 | 1.16 | 1.12 | 1.12 | 1.12 | 1.05 | 1.05 | 1.05 | .98 | .98 | .98 | .92 | .92 | .92 | .89                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.0  | .99                   | .95  | .90  | .96  | .92  | .88  | .90  | .86  | .83  | .84 | .81 | .78 | .78 | .76 | .74 | .71                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | .86                   | .79  | .72  | .83  | .76  | .71  | .77  | .72  | .67  | .72 | .68 | .64 | .68 | .64 | .61 | .58                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .75                   | .66  | .59  | .72  | .65  | .58  | .68  | .61  | .56  | .63 | .58 | .53 | .59 | .55 | .51 | .48                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .66                   | .57  | .50  | .64  | .55  | .49  | .60  | .53  | .47  | .56 | .50 | .45 | .53 | .48 | .43 | .41                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .59                   | .49  | .43  | .57  | .48  | .42  | .53  | .46  | .40  | .50 | .44 | .39 | .47 | .42 | .37 | .35                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .53                   | .44  | .37  | .51  | .43  | .36  | .48  | .41  | .35  | .45 | .39 | .34 | .43 | .37 | .33 | .30                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .48                   | .39  | .32  | .46  | .38  | .32  | .44  | .36  | .31  | .41 | .35 | .30 | .39 | .33 | .29 | .27                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .43                   | .35  | .29  | .42  | .34  | .28  | .40  | .33  | .28  | .38 | .31 | .27 | .36 | .30 | .26 | .24                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .40                   | .31  | .26  | .39  | .31  | .25  | .37  | .30  | .25  | .35 | .28 | .24 | .33 | .27 | .23 | .21                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .37                   | .29  | .23  | .36  | .28  | .23  | .34  | .27  | .22  | .32 | .26 | .22 | .31 | .25 | .21 | .19                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                           |                   |                  |
|-----------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz |                   |                  |
| UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm            |                   |                  |
| NAME:                                                     | TYPE:             | WEIGHT:          |
| SPEC.:                                                    | DIM.:             | SERIAL No.:      |
| MFR.:                                                     | SUR.: 1000mm*13mm | Shielding Angle: |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .342                  | .194 | .062 | .331 | .189 | .060 | .311                            | .179 | .057 | .293 | .169 | .054 | .276 | .160 | .052 |   |  |
| 2.0  | .310                  | .170 | .052 | .300 | .165 | .051 | .282                            | .157 | .049 | .266 | .149 | .047 | .251 | .142 | .045 |   |  |
| 3.0  | .281                  | .150 | .045 | .273 | .146 | .044 | .257                            | .139 | .042 | .242 | .132 | .041 | .228 | .126 | .039 |   |  |
| 4.0  | .256                  | .133 | .039 | .249 | .130 | .038 | .234                            | .124 | .037 | .221 | .119 | .036 | .208 | .113 | .034 |   |  |
| 5.0  | .235                  | .120 | .035 | .228 | .117 | .034 | .215                            | .112 | .033 | .203 | .107 | .032 | .192 | .102 | .031 |   |  |
| 6.0  | .217                  | .109 | .031 | .211 | .106 | .031 | .199                            | .102 | .030 | .188 | .097 | .029 | .177 | .093 | .028 |   |  |
| 7.0  | .201                  | .099 | .028 | .195 | .097 | .028 | .184                            | .093 | .027 | .174 | .089 | .026 | .165 | .086 | .025 |   |  |
| 8.0  | .187                  | .091 | .026 | .182 | .090 | .025 | .172                            | .086 | .025 | .163 | .082 | .024 | .154 | .079 | .023 |   |  |
| 9.0  | .175                  | .085 | .024 | .170 | .083 | .023 | .161                            | .080 | .023 | .152 | .076 | .022 | .144 | .073 | .021 |   |  |
| 10.0 | .164                  | .079 | .022 | .160 | .077 | .022 | .151                            | .074 | .021 | .143 | .071 | .020 | .136 | .068 | .020 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                         |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|---------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                         | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                         |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients (CCEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  | .277                  | .277 | .277 | .237 | .237 | .237 | .162                                        | .162 | .162 | .093 | .093 | .093 | .030 | .030 | .030 |   |  |
| 1.0  | .270                  | .243 | .219 | .231 | .209 | .189 | .158                                        | .144 | .131 | .091 | .083 | .076 | .029 | .027 | .025 |   |  |
| 2.0  | .263                  | .220 | .184 | .225 | .189 | .159 | .154                                        | .131 | .111 | .089 | .076 | .065 | .029 | .025 | .021 |   |  |
| 3.0  | .255                  | .203 | .161 | .219 | .175 | .140 | .150                                        | .122 | .098 | .087 | .071 | .058 | .028 | .023 | .019 |   |  |
| 4.0  | .248                  | .190 | .146 | .212 | .164 | .127 | .146                                        | .114 | .089 | .084 | .067 | .053 | .027 | .022 | .017 |   |  |
| 5.0  | .240                  | .180 | .136 | .206 | .156 | .118 | .142                                        | .109 | .083 | .082 | .064 | .049 | .027 | .021 | .016 |   |  |
| 6.0  | .233                  | .172 | .128 | .200 | .149 | .112 | .138                                        | .104 | .079 | .080 | .061 | .047 | .026 | .020 | .015 |   |  |
| 7.0  | .226                  | .165 | .123 | .194 | .143 | .107 | .134                                        | .100 | .076 | .078 | .059 | .045 | .025 | .019 | .015 |   |  |
| 8.0  | .219                  | .160 | .118 | .189 | .138 | .103 | .131                                        | .097 | .073 | .076 | .057 | .044 | .025 | .019 | .014 |   |  |
| 9.0  | .213                  | .155 | .115 | .184 | .134 | .100 | .127                                        | .094 | .071 | .074 | .056 | .043 | .024 | .018 | .014 |   |  |
| 10.0 | .207                  | .150 | .113 | .179 | .131 | .098 | .124                                        | .092 | .070 | .072 | .054 | .042 | .023 | .018 | .014 |   |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                                                             |  |                  |      |      |                   |      |                |                  |      |      |      |
|-------------------------------------------------------------------------------------------------------------|--|------------------|------|------|-------------------|------|----------------|------------------|------|------|------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |  |                  |      |      |                   |      |                |                  |      |      |      |
| NAME:                                                                                                       |  |                  |      |      | TYPE:             |      |                | WEIGHT:          |      |      |      |
| SPEC.:                                                                                                      |  |                  |      |      | DIM.:             |      |                | SERIAL No.:      |      |      |      |
| MFR.:                                                                                                       |  |                  |      |      | SUR.: 1000mm*13mm |      |                | Shielding Angle: |      |      |      |
| ceiling/cavity                                                                                              |  | 0.7              | 0.7  | 0.5  | 0.5               | 0.3  | 0.7            | 0.7              | 0.5  | 0.5  | 0.3  |
| walls                                                                                                       |  | 0.5              | 0.3  | 0.5  | 0.3               | 0.3  | 0.5            | 0.3              | 0.5  | 0.3  | 0.3  |
| working plane                                                                                               |  | 0.2              | 0.2  | 0.2  | 0.2               | 0.2  | 0.2            | 0.2              | 0.2  | 0.2  | 0.2  |
| Room dimensions                                                                                             |  | Viewed crosswise |      |      |                   |      | Viewed endwise |                  |      |      |      |
| x = 2H y = 2H                                                                                               |  | 22.4             | 23.8 | 22.8 | 24.2              | 24.7 | 22.2           | 23.6             | 22.6 | 24.0 | 24.4 |
| 3H                                                                                                          |  | 24.7             | 26.0 | 25.1 | 26.4              | 26.9 | 23.7           | 25.0             | 24.2 | 25.4 | 25.9 |
| 4H                                                                                                          |  | 25.7             | 26.9 | 26.1 | 27.4              | 27.8 | 24.3           | 25.5             | 24.8 | 26.0 | 26.5 |
| 6H                                                                                                          |  | 26.4             | 27.6 | 26.9 | 28.0              | 28.6 | 24.7           | 25.9             | 25.2 | 26.3 | 26.9 |
| 8H                                                                                                          |  | 26.7             | 27.8 | 27.2 | 28.3              | 28.8 | 24.8           | 25.9             | 25.3 | 26.4 | 26.9 |
| 12H                                                                                                         |  | 27.0             | 28.0 | 27.5 | 28.5              | 29.1 | 24.9           | 25.9             | 25.4 | 26.4 | 27.0 |
| 4H 2H                                                                                                       |  | 23.0             | 24.3 | 23.5 | 24.7              | 25.2 | 22.8           | 24.1             | 23.3 | 24.5 | 25.0 |
| 3H                                                                                                          |  | 25.5             | 26.6 | 26.0 | 27.1              | 27.6 | 24.6           | 25.7             | 25.1 | 26.1 | 26.7 |
| 4H                                                                                                          |  | 26.6             | 27.6 | 27.2 | 28.1              | 28.7 | 25.3           | 26.3             | 25.9 | 26.8 | 27.4 |
| 6H                                                                                                          |  | 27.5             | 28.4 | 28.1 | 28.9              | 29.5 | 25.9           | 26.8             | 26.4 | 27.3 | 27.9 |
| 8H                                                                                                          |  | 27.9             | 28.7 | 28.4 | 29.2              | 29.9 | 26.0           | 26.9             | 26.6 | 27.4 | 28.0 |
| 12H                                                                                                         |  | 28.2             | 28.9 | 28.8 | 29.5              | 30.2 | 26.1           | 26.9             | 26.7 | 27.5 | 28.1 |
| 8H 4H                                                                                                       |  | 26.9             | 27.7 | 27.5 | 28.3              | 28.9 | 25.8           | 26.6             | 26.4 | 27.2 | 27.8 |
| 6H                                                                                                          |  | 28.0             | 28.7 | 28.6 | 29.2              | 29.9 | 26.6           | 27.2             | 27.2 | 27.8 | 28.5 |
| 8H                                                                                                          |  | 28.4             | 29.1 | 29.1 | 29.7              | 30.4 | 26.8           | 27.4             | 27.5 | 28.1 | 28.7 |
| 12H                                                                                                         |  | 28.9             | 29.5 | 29.6 | 30.1              | 30.8 | 27.0           | 27.6             | 27.7 | 28.2 | 28.9 |
| 12H 4H                                                                                                      |  | 26.9             | 27.7 | 27.5 | 28.2              | 28.9 | 25.9           | 26.6             | 26.4 | 27.2 | 27.8 |
| 6H                                                                                                          |  | 28.0             | 28.6 | 28.7 | 29.3              | 29.9 | 26.7           | 27.3             | 27.3 | 27.9 | 28.6 |
| 8H                                                                                                          |  | 28.6             | 29.1 | 29.2 | 29.7              | 30.4 | 27.0           | 27.6             | 27.7 | 28.2 | 28.9 |
| Variations with the observer position at spacings(CIE Pub.117):                                             |  |                  |      |      |                   |      |                |                  |      |      |      |
| S = 1.0H                                                                                                    |  | + 0.1 / - 0.1    |      |      |                   |      | + 0.1 / - 0.2  |                  |      |      |      |
| 1.5H                                                                                                        |  | + 0.1 / - 0.3    |      |      |                   |      | + 0.2 / - 0.3  |                  |      |      |      |
| 2.0H                                                                                                        |  | + 0.1 / - 0.2    |      |      |                   |      | + 0.1 / - 0.3  |                  |      |      |      |

CIE Pub.117, 756.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)  
The luminaire data in the presentation of the associated IES information used by the URG calculation

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |

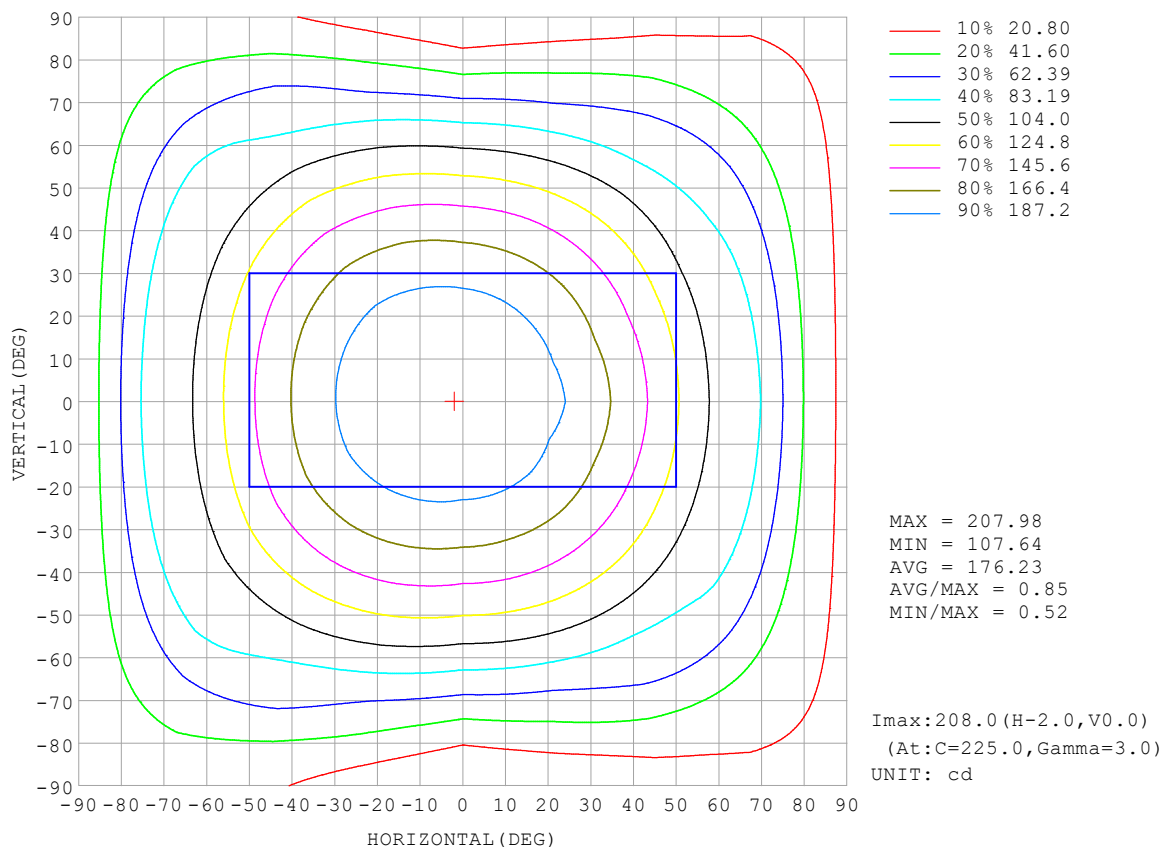
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8                                                  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7                                                  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2                                                  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 52                                                   | 40  | 33        | 51  | 40  | 33  | 49  | 39            | 32  | 26     |
| 0.80                             | 62                                                   | 50  | 42        | 60  | 49  | 42  | 58  | 47            | 41  | 33     |
| 1.00                             | 70                                                   | 58  | 50        | 68  | 57  | 50  | 65  | 58            | 48  | 40     |
| 1.25                             | 77                                                   | 65  | 58        | 75  | 64  | 57  | 71  | 62            | 55  | 46     |
| 1.50                             | 82                                                   | 71  | 63        | 80  | 70  | 62  | 75  | 67            | 60  | 51     |
| 2.00                             | 89                                                   | 79  | 72        | 86  | 77  | 71  | 81  | 74            | 68  | 58     |
| 2.50                             | 93                                                   | 84  | 77        | 90  | 82  | 76  | 85  | 78            | 73  | 62     |
| 3.00                             | 97                                                   | 89  | 82        | 94  | 86  | 81  | 88  | 82            | 77  | 66     |
| 4.00                             | 101                                                  | 94  | 89        | 98  | 92  | 87  | 92  | 87            | 83  | 70     |
| 5.00                             | 104                                                  | 98  | 93        | 100 | 95  | 91  | 94  | 90            | 86  | 73     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |

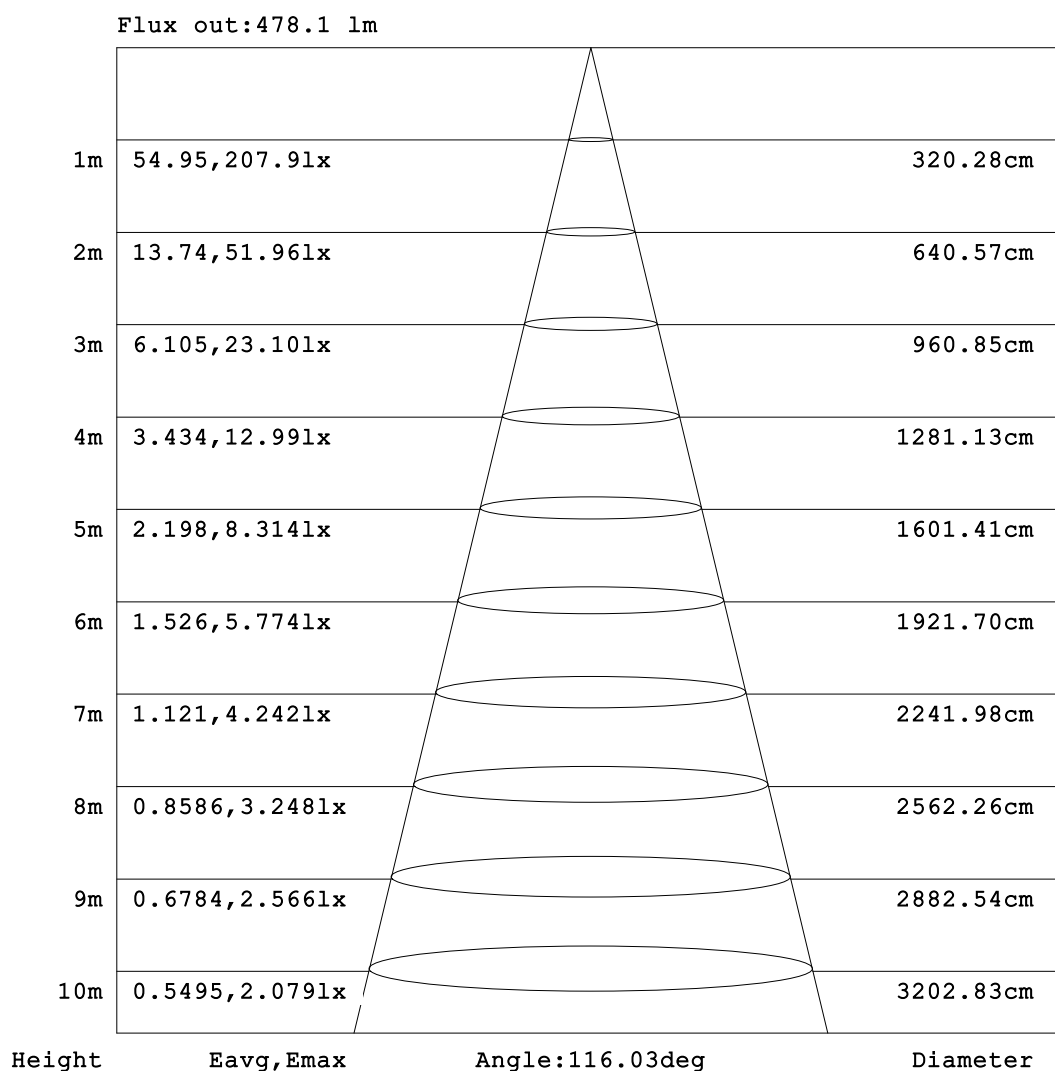


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

**AAI Figure**

|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |



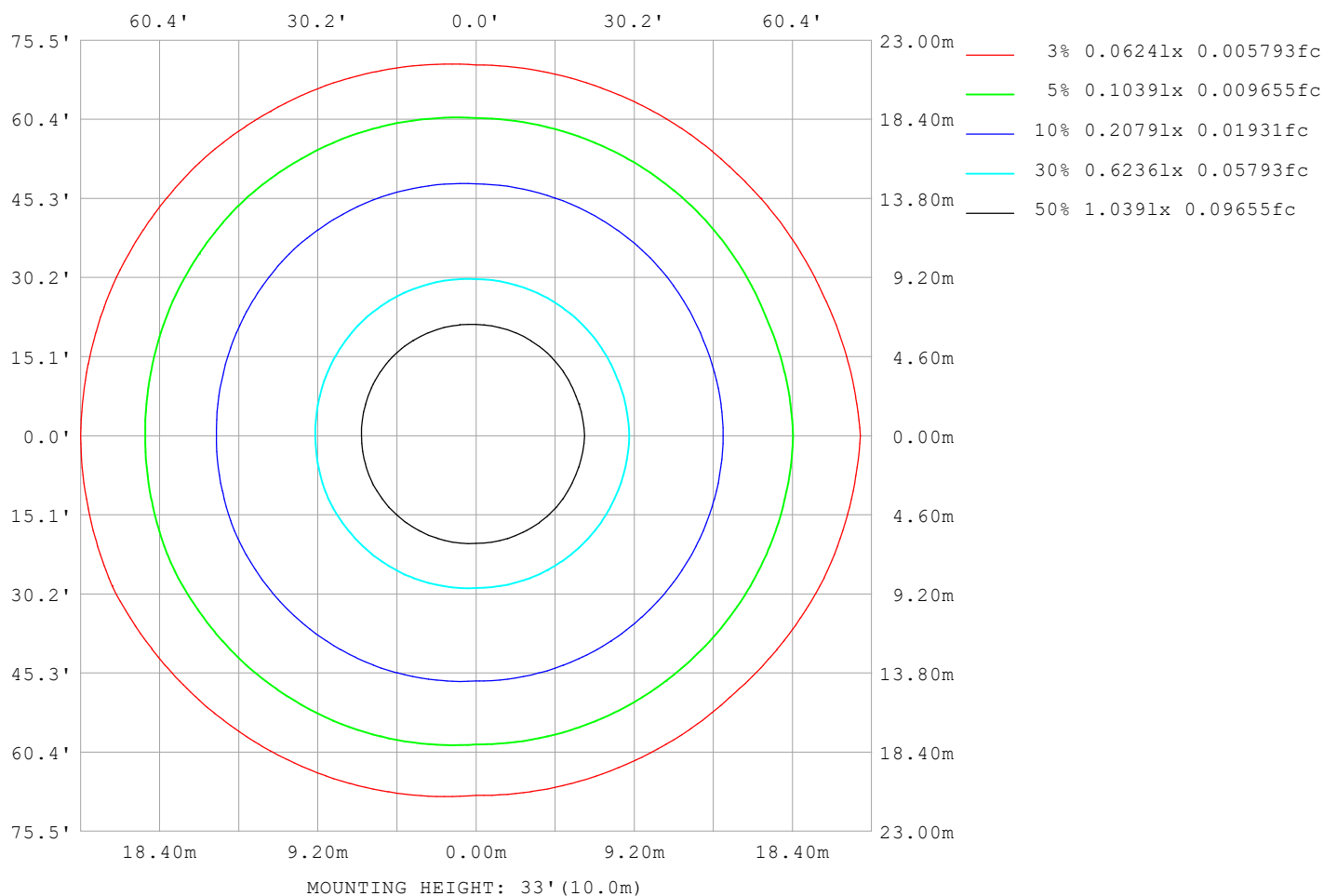
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### LED Avg.L Report

|                                                                                                             |                   |                  |
|-------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz<br>UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm |                   |                  |
| NAME:                                                                                                       | TYPE:             | WEIGHT:          |
| SPEC.:                                                                                                      | DIM.:             | SERIAL No.:      |
| MFR.:                                                                                                       | SUR.: 1000mm*13mm | Shielding Angle: |

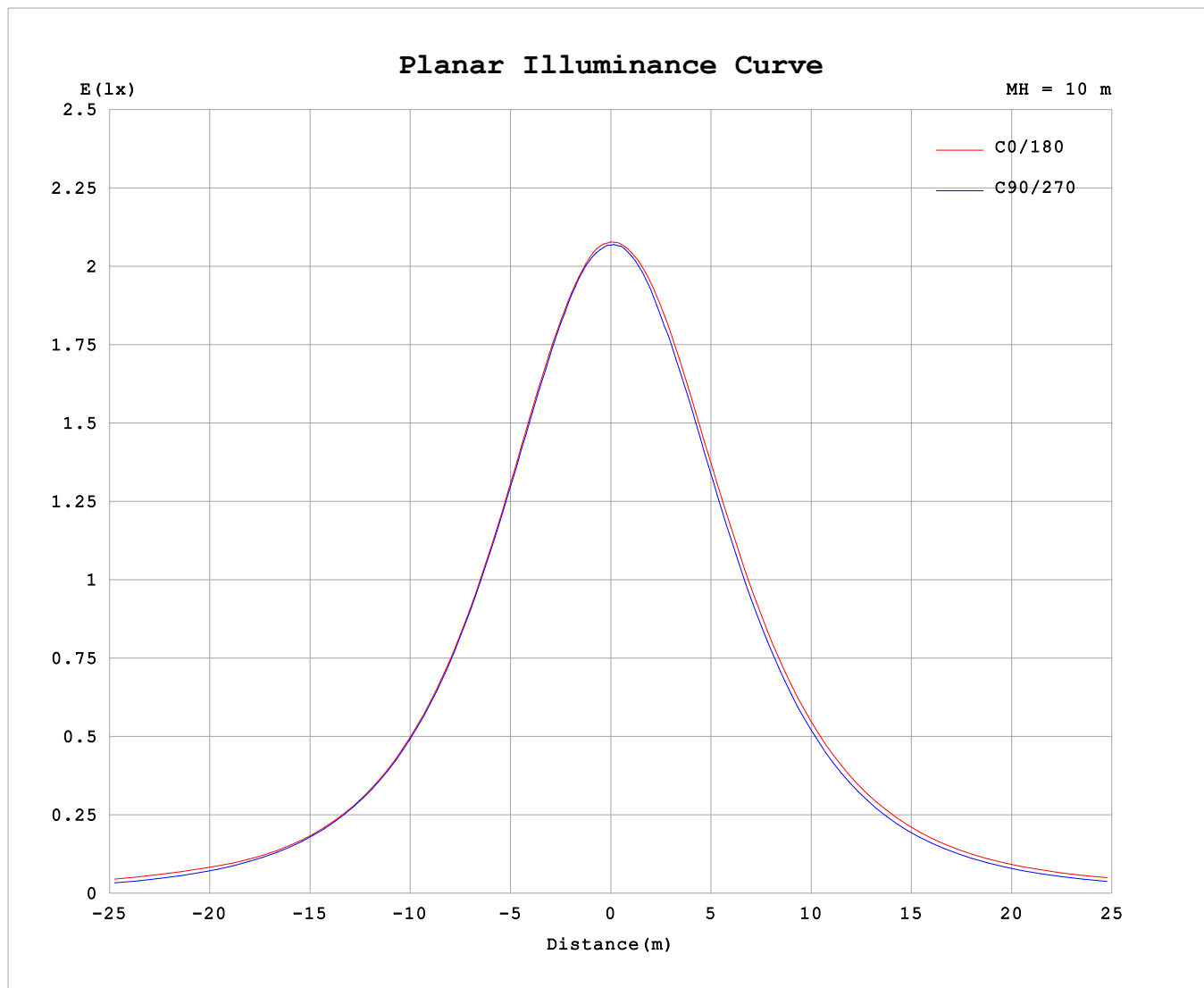
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 17452 |
| L_0~180 (75) av  | 21750 |
| L_0~180 (85) av  | 29579 |
| L_90~270 (65) av | 14534 |
| L_90~270 (75) av | 12853 |
| L_90~270 (85) av | 10098 |
| L_45 (65) av     | 16048 |
| L_45 (75) av     | 18863 |
| L_45 (85) av     | 26146 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2026-08-31  
Stability time: 290 s

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity: 65.0%  
Test Distance: 8.200m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                           |                   |                  |
|-----------------------------------------------------------|-------------------|------------------|
| Test:U:100.08V I:0.0931A P:8.4989W PF:0.9117 Freq:49.99Hz |                   |                  |
| UTHDi:0.00% ITHDi:0.00% Lamp Flux:756.154x1 lm            |                   |                  |
| NAME:                                                     | TYPE:             | WEIGHT:          |
| SPEC.:                                                    | DIM.:             | SERIAL No.:      |
| MFR.:                                                     | SUR.: 1000mm*13mm | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 22.5 | 45   | 67.5 | 90   | 112.5 | 135  | 157.5 | 180  | 202.5 | 225  | 247.5 | 270  | 292.5 | 315  | 337.5 |     |  |  |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-----|--|--|
| 0                  | 207  | 207  | 207  | 207  | 207  | 207   | 207  | 207   | 207  | 207   | 207  | 207   | 207  | 207   | 207  | 207   |     |  |  |
| 5                  | 206  | 205  | 205  | 205  | 206  | 206   | 207  | 207   | 207  | 207   | 207  | 207   | 207  | 207   | 206  | 205   | 205 |  |  |
| 10                 | 203  | 202  | 202  | 202  | 203  | 204   | 205  | 206   | 206  | 207   | 206  | 205   | 205  | 204   | 203  | 202   |     |  |  |
| 15                 | 198  | 198  | 197  | 197  | 198  | 200   | 202  | 204   | 204  | 205   | 204  | 202   | 201  | 200   | 199  | 198   |     |  |  |
| 20                 | 192  | 192  | 191  | 191  | 192  | 194   | 197  | 199   | 199  | 201   | 200  | 198   | 196  | 195   | 193  | 191   |     |  |  |
| 25                 | 185  | 184  | 183  | 183  | 184  | 187   | 190  | 193   | 193  | 196   | 194  | 191   | 189  | 188   | 186  | 184   |     |  |  |
| 30                 | 175  | 175  | 174  | 174  | 175  | 179   | 183  | 186   | 186  | 189   | 187  | 184   | 181  | 179   | 177  | 175   |     |  |  |
| 35                 | 165  | 165  | 164  | 164  | 164  | 169   | 173  | 177   | 177  | 180   | 178  | 175   | 171  | 169   | 167  | 164   |     |  |  |
| 40                 | 153  | 153  | 152  | 152  | 152  | 157   | 163  | 167   | 166  | 169   | 168  | 164   | 160  | 158   | 155  | 152   |     |  |  |
| 45                 | 140  | 140  | 139  | 139  | 139  | 146   | 151  | 155   | 154  | 158   | 156  | 152   | 147  | 145   | 142  | 140   |     |  |  |
| 50                 | 126  | 126  | 125  | 125  | 125  | 132   | 137  | 142   | 141  | 144   | 143  | 139   | 133  | 131   | 129  | 126   |     |  |  |
| 55                 | 111  | 112  | 110  | 110  | 110  | 117   | 123  | 128   | 127  | 130   | 129  | 124   | 118  | 116   | 114  | 111   |     |  |  |
| 60                 | 98.0 | 97.2 | 94.5 | 93.5 | 93.1 | 101   | 108  | 113   | 112  | 115   | 114  | 108   | 102  | 100.0 | 98.5 | 96.3  |     |  |  |
| 65                 | 91.9 | 87.6 | 79.5 | 76.6 | 75.6 | 84.5  | 92.5 | 99.9  | 99.8 | 101   | 97.5 | 91.4  | 84.1 | 83.2  | 83.3 | 86.3  |     |  |  |
| 70                 | 82.2 | 78.9 | 68.6 | 59.8 | 57.4 | 67.5  | 79.9 | 92.1  | 94.9 | 92.5  | 82.9 | 74.1  | 65.7 | 66.3  | 71.3 | 77.4  |     |  |  |
| 75                 | 62.1 | 60.2 | 55.0 | 44.7 | 39.2 | 52.0  | 68.4 | 80.9  | 84.2 | 83.4  | 72.6 | 58.1  | 47.2 | 50.8  | 57.8 | 61.2  |     |  |  |
| 80                 | 40.6 | 39.5 | 36.7 | 29.7 | 22.3 | 36.9  | 51.5 | 61.0  | 62.7 | 62.2  | 56.3 | 42.1  | 29.5 | 34.7  | 41.1 | 41.4  |     |  |  |
| 85                 | 24.6 | 24.2 | 21.5 | 15.8 | 8.69 | 21.9  | 34.0 | 42.2  | 42.4 | 42.8  | 37.8 | 26.5  | 14.2 | 20.2  | 25.2 | 25.9  |     |  |  |
| 90                 | 19.0 | 19.1 | 16.0 | 8.75 | 1.67 | 12.7  | 22.7 | 28.3  | 25.8 | 26.2  | 23.2 | 14.5  | 4.12 | 11.4  | 17.2 | 19.6  |     |  |  |
| 95                 | 17.3 | 17.5 | 14.8 | 7.76 | 0.86 | 7.52  | 16.7 | 20.9  | 18.4 | 19.1  | 17.0 | 8.69  | 1.10 | 8.51  | 14.6 | 17.6  |     |  |  |
| 100                | 18.0 | 18.1 | 14.9 | 7.02 | 0.94 | 7.41  | 14.7 | 19.0  | 17.2 | 17.1  | 14.5 | 7.28  | 0.97 | 7.81  | 15.0 | 18.0  |     |  |  |
| 105                | 18.6 | 18.4 | 14.2 | 6.27 | 1.06 | 7.10  | 13.4 | 18.1  | 17.5 | 17.2  | 13.5 | 6.83  | 0.92 | 6.69  | 14.9 | 18.5  |     |  |  |
| 110                | 18.6 | 18.0 | 12.2 | 5.86 | 1.18 | 6.74  | 12.4 | 17.3  | 17.7 | 16.9  | 12.3 | 6.26  | 0.98 | 5.09  | 13.6 | 18.5  |     |  |  |
| 115                | 19.5 | 17.9 | 12.5 | 5.44 | 1.31 | 6.11  | 12.3 | 17.0  | 18.0 | 16.8  | 11.7 | 5.61  | 1.06 | 4.97  | 13.4 | 19.2  |     |  |  |
| 120                | 22.4 | 19.6 | 12.8 | 5.95 | 1.43 | 7.91  | 13.3 | 16.8  | 19.2 | 16.9  | 12.4 | 6.24  | 1.13 | 5.36  | 13.0 | 20.6  |     |  |  |
| 125                | 28.5 | 23.8 | 15.7 | 6.63 | 1.48 | 9.09  | 15.4 | 19.1  | 21.9 | 18.7  | 13.9 | 6.93  | 1.22 | 5.87  | 17.0 | 24.4  |     |  |  |
| 130                | 36.8 | 31.5 | 20.0 | 6.35 | 1.54 | 10.5  | 18.7 | 23.7  | 26.6 | 22.6  | 17.6 | 8.18  | 1.33 | 5.39  | 21.8 | 29.0  |     |  |  |
| 135                | 43.4 | 34.5 | 22.2 | 4.13 | 1.10 | 10.2  | 24.6 | 30.4  | 34.1 | 29.3  | 24.2 | 8.59  | 1.13 | 4.19  | 24.0 | 36.2  |     |  |  |
| 140                | 44.6 | 34.1 | 18.4 | 2.78 | 1.15 | 7.37  | 27.8 | 37.1  | 41.8 | 37.8  | 27.4 | 7.26  | 1.15 | 3.24  | 20.9 | 36.4  |     |  |  |
| 145                | 38.3 | 30.5 | 11.8 | 2.01 | 1.19 | 5.21  | 26.3 | 40.6  | 48.4 | 41.7  | 25.8 | 5.25  | 1.18 | 2.11  | 14.0 | 31.1  |     |  |  |
| 150                | 26.3 | 20.4 | 6.07 | 1.80 | 1.20 | 3.55  | 18.9 | 35.6  | 43.8 | 36.7  | 18.9 | 3.86  | 1.23 | 1.56  | 7.66 | 21.2  |     |  |  |
| 155                | 14.3 | 10.3 | 3.67 | 1.82 | 1.24 | 2.54  | 11.4 | 24.2  | 30.0 | 24.3  | 10.8 | 2.54  | 1.27 | 1.60  | 4.15 | 11.1  |     |  |  |
| 160                | 6.60 | 4.42 | 1.89 | 2.01 | 1.28 | 1.95  | 6.17 | 13.7  | 16.1 | 12.5  | 5.64 | 2.00  | 1.32 | 1.89  | 1.80 | 4.82  |     |  |  |
| 165                | 2.20 | 1.89 | 2.08 | 1.88 | 1.34 | 1.64  | 3.22 | 5.95  | 6.48 | 5.34  | 2.98 | 1.81  | 1.37 | 1.75  | 2.02 | 1.78  |     |  |  |
| 170                | 2.04 | 1.84 | 1.97 | 1.71 | 1.40 | 1.48  | 1.86 | 2.28  | 2.40 | 2.25  | 1.92 | 1.70  | 1.42 | 1.61  | 2.05 | 1.74  |     |  |  |
| 175                | 1.82 | 1.84 | 1.65 | 1.65 | 1.45 | 1.45  | 1.49 | 1.60  | 1.49 | 1.68  | 1.62 | 1.57  | 1.47 | 1.54  | 1.68 | 1.81  |     |  |  |
| 180                | 1.54 | 1.52 | 1.49 | 1.59 | 1.49 | 1.47  | 1.50 | 1.50  | 1.53 | 1.52  | 1.49 | 1.58  | 1.50 | 1.47  | 1.50 | 1.49  |     |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### Photometric Data Table [cd]

|       |       |       |       |       |        |       |       |       |       |       |
|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| G/C   | 0.0   | 22.5  | 45.0  | 67.5  | 90.0   | 112.5 | 135.0 | 157.5 | 180.0 | 202.5 |
| 0.0   | 206.8 | 206.8 | 206.8 | 206.8 | 206.8  | 206.8 | 206.8 | 206.8 | 206.8 | 206.8 |
| 3.0   | 206.4 | 206.0 | 205.7 | 206.1 | 206.2  | 206.5 | 206.8 | 206.9 | 206.9 | 207.3 |
| 6.0   | 205.2 | 204.9 | 204.3 | 204.3 | 205.3  | 205.7 | 206.4 | 206.7 | 206.7 | 207.4 |
| 9.0   | 203.1 | 203.1 | 202.5 | 202.7 | 203.5  | 204.2 | 205.1 | 206.3 | 206.2 | 207.3 |
| 12.0  | 200.8 | 200.3 | 200.3 | 200.5 | 200.9  | 202.4 | 203.5 | 205.3 | 205.2 | 206.2 |
| 15.0  | 198.1 | 197.5 | 197.3 | 197.4 | 198.1  | 199.6 | 201.6 | 203.8 | 203.7 | 204.6 |
| 18.0  | 194.8 | 194.1 | 193.8 | 193.9 | 194.2  | 196.6 | 199.3 | 201.5 | 201.2 | 202.4 |
| 21.0  | 190.8 | 190.1 | 189.5 | 189.7 | 190.2  | 193.1 | 196.0 | 198.2 | 198.1 | 199.9 |
| 24.0  | 186.3 | 185.5 | 185.0 | 184.9 | 185.7  | 188.7 | 191.9 | 194.7 | 194.4 | 196.8 |
| 27.0  | 181.1 | 180.5 | 180.1 | 179.7 | 180.6  | 184.1 | 187.4 | 190.6 | 190.4 | 193.0 |
| 30.0  | 175.4 | 174.9 | 174.4 | 174.2 | 174.9  | 178.9 | 182.5 | 186.1 | 185.9 | 188.5 |
| 33.0  | 169.1 | 168.9 | 168.2 | 167.8 | 168.8  | 173.1 | 177.1 | 180.9 | 180.6 | 183.5 |
| 36.0  | 162.6 | 162.3 | 161.3 | 161.6 | 162.1  | 166.7 | 171.2 | 174.9 | 174.7 | 177.7 |
| 39.0  | 155.5 | 155.1 | 154.2 | 154.4 | 154.8  | 160.0 | 164.8 | 169.0 | 168.3 | 171.4 |
| 42.0  | 148.1 | 148.1 | 146.8 | 147.1 | 147.3  | 152.9 | 157.9 | 162.1 | 161.5 | 164.8 |
| 45.0  | 140.4 | 140.5 | 138.8 | 138.9 | 139.4  | 145.6 | 150.7 | 155.1 | 154.2 | 157.6 |
| 48.0  | 132.0 | 132.1 | 130.7 | 130.7 | 131.1  | 137.7 | 142.8 | 147.3 | 146.7 | 149.9 |
| 51.0  | 123.1 | 123.3 | 122.1 | 122.1 | 122.3  | 129.0 | 134.6 | 139.2 | 138.6 | 141.7 |
| 54.0  | 114.3 | 114.6 | 113.2 | 113.0 | 112.9  | 120.1 | 125.8 | 130.7 | 130.1 | 133.0 |
| 57.0  | 105.6 | 105.9 | 104.0 | 103.4 | 103.1  | 110.8 | 117.1 | 121.9 | 121.2 | 124.1 |
| 60.0  | 98.02 | 97.23 | 94.50 | 93.55 | 93.08  | 101.2 | 107.9 | 113.0 | 112.4 | 115.1 |
| 63.0  | 93.57 | 90.44 | 85.30 | 83.20 | 82.79  | 91.29 | 98.53 | 104.6 | 104.1 | 106.1 |
| 66.0  | 90.84 | 86.43 | 76.88 | 73.22 | 72.03  | 81.05 | 89.62 | 97.95 | 98.32 | 98.19 |
| 69.0  | 85.17 | 81.33 | 70.52 | 63.04 | 61.17  | 70.79 | 82.13 | 93.58 | 95.58 | 93.31 |
| 72.0  | 74.76 | 72.25 | 64.07 | 53.47 | 50.05  | 61.11 | 75.56 | 88.86 | 92.75 | 90.61 |
| 75.0  | 62.14 | 60.22 | 55.00 | 44.66 | 39.24  | 51.99 | 68.42 | 80.89 | 84.22 | 83.45 |
| 78.0  | 48.96 | 47.74 | 44.19 | 35.90 | 28.77  | 43.07 | 59.09 | 69.59 | 71.60 | 71.10 |
| 81.0  | 36.75 | 35.76 | 33.10 | 26.55 | 19.22  | 33.69 | 47.64 | 56.79 | 58.62 | 58.41 |
| 84.0  | 27.13 | 26.55 | 23.86 | 18.09 | 11.02  | 24.62 | 37.11 | 45.78 | 46.41 | 46.68 |
| 87.0  | 21.12 | 20.92 | 17.91 | 12.05 | 4.880  | 17.42 | 28.59 | 35.60 | 34.99 | 35.49 |
| 90.0  | 19.00 | 19.14 | 16.02 | 8.746 | 1.667  | 12.74 | 22.72 | 28.29 | 25.81 | 26.24 |
| 93.0  | 18.47 | 18.20 | 14.95 | 7.766 | 0.8655 | 9.177 | 18.56 | 23.78 | 20.67 | 21.08 |
| 96.0  | 17.38 | 17.61 | 14.89 | 7.667 | 0.8652 | 7.019 | 16.23 | 20.45 | 17.46 | 17.71 |
| 99.0  | 17.80 | 17.97 | 14.91 | 7.125 | 0.9255 | 7.336 | 14.95 | 19.45 | 17.20 | 17.10 |
| 102.0 | 18.30 | 18.34 | 14.66 | 6.837 | 0.9955 | 7.302 | 13.87 | 18.39 | 17.15 | 17.08 |
| 105.0 | 18.62 | 18.37 | 14.18 | 6.274 | 1.065  | 7.102 | 13.43 | 18.11 | 17.55 | 17.19 |
| 108.0 | 18.62 | 18.07 | 13.16 | 5.950 | 1.140  | 6.633 | 13.39 | 17.69 | 17.74 | 17.10 |
| 111.0 | 18.71 | 18.04 | 11.85 | 5.723 | 1.214  | 6.706 | 12.12 | 17.21 | 17.76 | 16.80 |
| 114.0 | 19.24 | 18.34 | 12.38 | 5.459 | 1.298  | 6.078 | 12.21 | 17.10 | 17.92 | 16.75 |
| 117.0 | 20.38 | 18.23 | 12.57 | 5.626 | 1.363  | 6.386 | 12.40 | 16.42 | 18.41 | 16.45 |
| 120.0 | 22.37 | 19.56 | 12.79 | 5.951 | 1.428  | 7.910 | 13.35 | 16.80 | 19.24 | 16.88 |
| 123.0 | 25.61 | 21.74 | 14.43 | 6.399 | 1.470  | 8.576 | 14.01 | 17.84 | 20.54 | 17.92 |
| 126.0 | 30.18 | 25.26 | 16.55 | 6.708 | 1.493  | 9.362 | 16.29 | 19.82 | 22.68 | 19.12 |
| 129.0 | 34.92 | 30.04 | 19.17 | 6.624 | 1.540  | 10.31 | 17.94 | 22.62 | 25.44 | 21.57 |
| 132.0 | 39.75 | 33.53 | 22.06 | 5.421 | 1.429  | 10.62 | 20.28 | 26.22 | 28.87 | 24.95 |
| 135.0 | 43.39 | 34.46 | 22.24 | 4.134 | 1.098  | 10.19 | 24.58 | 30.45 | 34.10 | 29.28 |
| 138.0 | 44.72 | 35.76 | 20.81 | 3.308 | 1.130  | 8.795 | 27.01 | 34.54 | 38.87 | 33.88 |
| 141.0 | 43.62 | 33.52 | 17.33 | 2.518 | 1.163  | 6.728 | 28.10 | 38.79 | 43.10 | 39.14 |
| 144.0 | 39.87 | 31.49 | 13.02 | 2.129 | 1.177  | 5.634 | 27.04 | 40.66 | 48.13 | 41.54 |
| 147.0 | 34.59 | 26.76 | 9.097 | 1.852 | 1.189  | 4.356 | 23.92 | 39.92 | 47.78 | 40.84 |
| 150.0 | 26.32 | 20.36 | 6.070 | 1.801 | 1.196  | 3.550 | 18.93 | 35.63 | 43.77 | 36.68 |
| 153.0 | 18.98 | 13.38 | 4.742 | 1.801 | 1.214  | 2.817 | 14.36 | 29.17 | 36.09 | 29.85 |
| 156.0 | 12.43 | 8.624 | 3.011 | 1.816 | 1.237  | 2.375 | 10.07 | 21.76 | 26.87 | 21.66 |
| 159.0 | 7.747 | 5.344 | 1.988 | 2.033 | 1.274  | 2.030 | 6.947 | 15.62 | 18.45 | 14.72 |
| 162.0 | 4.192 | 2.794 | 1.839 | 1.936 | 1.302  | 1.820 | 4.966 | 9.795 | 11.85 | 8.520 |
| 165.0 | 2.200 | 1.887 | 2.076 | 1.875 | 1.335  | 1.644 | 3.223 | 5.947 | 6.480 | 5.341 |
| 168.0 | 2.069 | 1.847 | 2.012 | 1.773 | 1.363  | 1.597 | 2.161 | 3.442 | 3.530 | 3.232 |
| 171.0 | 1.922 | 1.836 | 1.937 | 1.718 | 1.423  | 1.439 | 1.739 | 2.014 | 2.082 | 2.043 |
| 174.0 | 1.829 | 1.938 | 1.719 | 1.676 | 1.442  | 1.444 | 1.565 | 1.662 | 1.491 | 1.724 |
| 177.0 | 1.681 | 1.658 | 1.574 | 1.569 | 1.456  | 1.453 | 1.471 | 1.476 | 1.514 | 1.494 |
| 180.0 | 1.542 | 1.517 | 1.491 | 1.592 | 1.493  | 1.472 | 1.504 | 1.504 | 1.532 | 1.522 |
| G/C   | 225.0 | 247.5 | 270.0 | 292.5 | 315.0  | 337.5 |       |       |       |       |
| 0.0   | 206.8 | 206.8 | 206.8 | 206.8 | 206.8  | 206.8 |       |       |       |       |
| 3.0   | 207.6 | 207.2 | 207.3 | 206.6 | 206.0  | 206.2 |       |       |       |       |
| 6.0   | 207.2 | 206.8 | 206.6 | 206.2 | 205.1  | 205.0 |       |       |       |       |
| 9.0   | 206.7 | 205.8 | 205.6 | 204.7 | 203.6  | 203.1 |       |       |       |       |
| 12.0  | 205.4 | 204.4 | 203.4 | 202.3 | 201.7  | 200.9 |       |       |       |       |
| 15.0  | 203.7 | 202.4 | 200.8 | 199.9 | 199.0  | 197.9 |       |       |       |       |
| 18.0  | 201.4 | 200.2 | 198.3 | 196.8 | 195.8  | 194.5 |       |       |       |       |
| 21.0  | 199.0 | 196.9 | 195.1 | 193.3 | 191.7  | 190.1 |       |       |       |       |
| 24.0  | 195.5 | 193.1 | 191.0 | 189.3 | 187.1  | 185.6 |       |       |       |       |
| 27.0  | 191.7 | 188.5 | 186.3 | 184.6 | 182.1  | 180.4 |       |       |       |       |
| 30.0  | 186.9 | 183.8 | 181.0 | 179.3 | 176.8  | 174.6 |       |       |       |       |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks:

### Photometric Data Table [cd]

|       |       |       |        |       |       |       |
|-------|-------|-------|--------|-------|-------|-------|
| 33.0  | 181.6 | 178.6 | 175.3  | 173.6 | 170.9 | 168.4 |
| 36.0  | 176.1 | 173.0 | 168.9  | 167.0 | 164.7 | 161.8 |
| 39.0  | 170.0 | 166.6 | 162.5  | 160.3 | 157.5 | 154.9 |
| 42.0  | 163.3 | 159.7 | 155.0  | 152.8 | 150.1 | 147.6 |
| 45.0  | 156.1 | 152.2 | 147.5  | 145.3 | 142.2 | 139.9 |
| 48.0  | 148.1 | 144.3 | 139.1  | 137.0 | 134.2 | 131.8 |
| 51.0  | 140.3 | 136.1 | 130.4  | 128.3 | 125.7 | 123.2 |
| 54.0  | 131.9 | 127.2 | 121.1  | 119.1 | 117.1 | 114.2 |
| 57.0  | 122.9 | 118.0 | 111.5  | 109.6 | 108.0 | 105.1 |
| 60.0  | 113.6 | 108.1 | 101.5  | 99.95 | 98.50 | 96.32 |
| 63.0  | 104.0 | 98.29 | 91.21  | 89.98 | 89.09 | 89.45 |
| 66.0  | 94.23 | 87.99 | 80.39  | 79.75 | 80.71 | 84.76 |
| 69.0  | 85.39 | 77.55 | 69.42  | 69.49 | 73.56 | 79.59 |
| 72.0  | 78.65 | 67.43 | 58.24  | 60.02 | 66.27 | 71.92 |
| 75.0  | 72.62 | 58.08 | 47.25  | 50.78 | 57.83 | 61.16 |
| 78.0  | 63.88 | 48.70 | 36.39  | 41.07 | 48.16 | 49.16 |
| 81.0  | 52.54 | 38.87 | 26.11  | 31.70 | 37.45 | 37.94 |
| 84.0  | 41.23 | 29.52 | 16.93  | 22.91 | 27.97 | 28.40 |
| 87.0  | 31.16 | 20.95 | 9.323  | 15.83 | 20.77 | 22.30 |
| 90.0  | 23.20 | 14.52 | 4.124  | 11.43 | 17.20 | 19.56 |
| 93.0  | 18.56 | 10.54 | 1.426  | 8.920 | 15.04 | 17.68 |
| 96.0  | 15.37 | 8.332 | 1.056  | 8.449 | 14.75 | 17.74 |
| 99.0  | 14.67 | 7.419 | 0.9861 | 8.116 | 15.01 | 17.82 |
| 102.0 | 14.21 | 7.191 | 0.9442 | 7.352 | 15.07 | 18.33 |
| 105.0 | 13.54 | 6.834 | 0.9166 | 6.685 | 14.91 | 18.50 |
| 108.0 | 13.14 | 6.555 | 0.9539 | 5.697 | 14.50 | 18.58 |
| 111.0 | 12.09 | 6.216 | 0.9865 | 5.105 | 13.37 | 18.59 |
| 114.0 | 11.67 | 5.617 | 1.047  | 4.751 | 13.09 | 18.93 |
| 117.0 | 11.94 | 5.727 | 1.084  | 5.175 | 13.70 | 19.30 |
| 120.0 | 12.44 | 6.238 | 1.126  | 5.362 | 13.04 | 20.64 |
| 123.0 | 13.23 | 6.601 | 1.191  | 5.668 | 14.57 | 23.38 |
| 126.0 | 14.49 | 7.169 | 1.256  | 5.850 | 18.24 | 25.12 |
| 129.0 | 16.71 | 7.929 | 1.317  | 5.627 | 20.84 | 27.56 |
| 132.0 | 19.75 | 8.466 | 1.121  | 4.847 | 22.85 | 32.23 |
| 135.0 | 24.24 | 8.592 | 1.130  | 4.189 | 24.00 | 36.16 |
| 138.0 | 26.39 | 8.036 | 1.145  | 3.616 | 23.06 | 37.17 |
| 141.0 | 27.68 | 6.775 | 1.154  | 3.020 | 19.73 | 35.72 |
| 144.0 | 26.79 | 5.561 | 1.172  | 2.390 | 15.37 | 32.86 |
| 147.0 | 23.42 | 4.779 | 1.205  | 1.678 | 11.10 | 27.73 |
| 150.0 | 18.95 | 3.860 | 1.228  | 1.556 | 7.661 | 21.16 |
| 153.0 | 13.93 | 3.018 | 1.261  | 1.574 | 5.395 | 14.53 |
| 156.0 | 8.989 | 2.329 | 1.284  | 1.611 | 3.491 | 9.518 |
| 159.0 | 6.065 | 2.052 | 1.317  | 1.882 | 1.945 | 5.854 |
| 162.0 | 4.745 | 1.950 | 1.340  | 1.873 | 1.755 | 3.028 |
| 165.0 | 2.976 | 1.806 | 1.372  | 1.747 | 2.016 | 1.784 |
| 168.0 | 2.069 | 1.755 | 1.400  | 1.691 | 2.058 | 1.700 |
| 171.0 | 1.778 | 1.630 | 1.433  | 1.579 | 1.932 | 1.760 |
| 174.0 | 1.676 | 1.564 | 1.451  | 1.556 | 1.777 | 1.848 |
| 177.0 | 1.477 | 1.583 | 1.479  | 1.486 | 1.611 | 1.644 |
| 180.0 | 1.486 | 1.578 | 1.498  | 1.467 | 1.499 | 1.495 |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2026-08-31  
Stability time:290 s

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.500  
Humidity:65.0%  
Test Distance:8.200m [K=1.0000]  
Remarks: